

Name: _____

Date: _____

Active Transport (pgs. 46-47)

Small particles, such as H₂O, CO₂, and oxygen - diffuse freely in and out of cells. No energy is needed. This process depends on concentration.

However, glucose particles, which are used for energy, must move from low to high concentration.

It goes against diffusion. It requires the use of energy. It also requires carrier protein that are embedded in the cell membrane to help move glucose and other particles through the cell membrane. This is called active transport.

